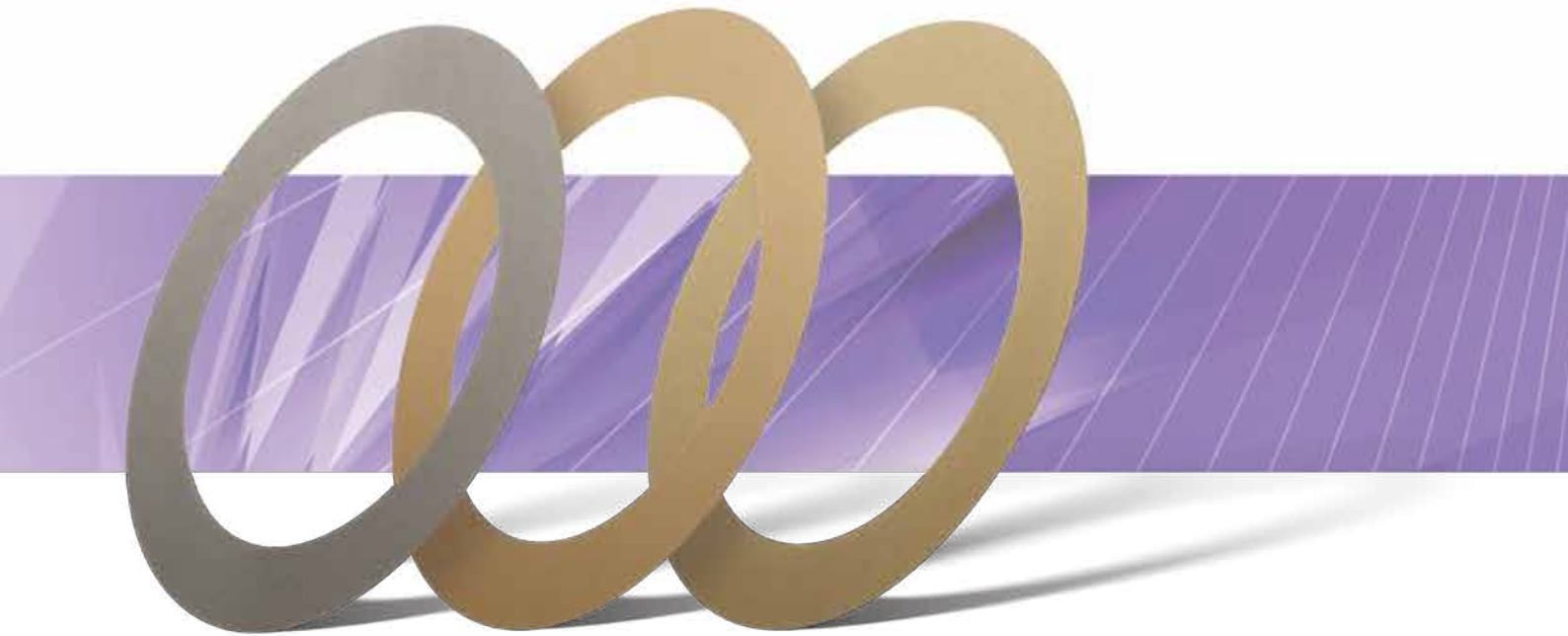
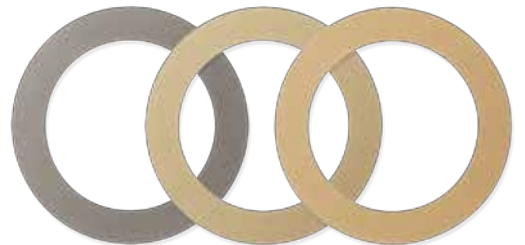


PRECISION ACCRETECH BLADE
METAL BOND BLADES
HM series



**Realized the cutting of QFN package with metal blades.
The standard bond series represented by a high quality
cutting and performance stability, and high sintering
technology.**

- High sintering technologies bring out the properties to correspond to the various applications.
- A unique manufacturing processes offer the even distribution of the grit and performance stability.
- Improved the high cutting ability and wear resistance using the special grit.
- Received positive result for the QFN package cutting.



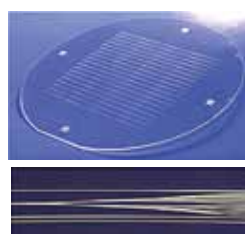
■ Processing example Metal blade (HM series)



Cutting by HM046

■ QFN package cutting

Although resin blade is generally used in this industry, we came to realize the cutting with the metal blade. Try our blades for longer life-term.

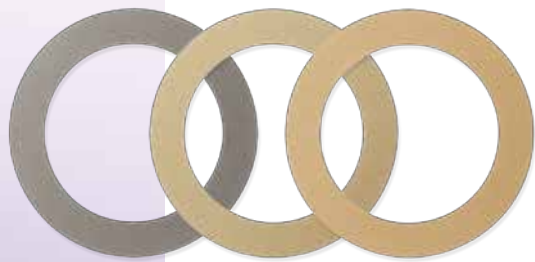


■ PLC cutting (silica glass)

We occupy high share in this cutting field. Our ability of cutting and stability in high quality of blade is highly appreciated.



5mm



■ Specification

1A8	S		
Shape	Slit		
MD	400	- 75	HM633
Grit type	Mesh size	Concentration	Bond

■ Grit type

MD	Standard grit type
XD	Coating grit type

■ Concentration

25 to 125

■ Slit

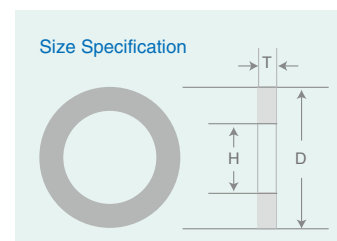
S	Standard type
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■ Dimension

58D	0.3T	40H	2d	0.5W	16N
O.D.	Blade thickness	I.D.	Depth of slit	Width of slit	No. of slit
O.D. (mm)		Blade thickness (mm)		I.D. (mm)	
Availability size	Tolerance	Availability size	Tolerance	Availability size	Tolerance
50 to 120	+ 0.05 - 0	0.08 to 0.4	± 0.005	25.4 to 88.9	H6

#325 is ±0.01.

■ Standard Dimension



■ Availability by mesh size

Mesh size	MD	XD
4000	•	
2500	•	
2000	•	
1300	•	
1200	•	•
1000	•	•
800	•	•
700	•	•
600	•	•
500	•	•
400	•	•
325	•	•

■ Available blade thickness by mesh size

Mesh size	Blade thickness (mm)			
	0.08 to <0.1	0.1 to <0.15	0.15 to <0.2	0.2 to ≤0.4
4000	•	•	•	•
2500	•	•	•	•
2000	•	•	•	•
1300	•	•	•	•
1200	•	•	•	•
1000	•	•	•	•
800	•	•	•	•
700		•	•	•
600		•	•	•
500		•	•	•
400			•	•
325				•

■ Bond

HM557	↑Soft
HM633	Standard
HM050	↓Hard
HM051	
HM046	
HM060	

■ Ordering the product

When ordering our product, please refer to our catalog and let us know the details of the product as below.

- 1) Shape and size/ Detailed blade shape and precision.
- 2) Specifications/ Desired specification as well as the current in-use blade.
- 3) Cutting work and condition/ Machine in use, RPM, feed speed, coolant flow rate.

■ Precautions

In order to use the product safely and to bring out the best of the blade's performance, please make sure to thoroughly read the specifications and other related materials of the product.

- * The catalog is subject to change without notice.
- * The catalog is not to guarantee the product quality.